

EXHIBIT A-2 CITY OF MANOR WATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN FEBRUARY 2023

The following projects have been identified as required to serve new growth within the service area, in accordance with approved land use assumptions and as part of the 10-year Capital Improvements Plan

Project No.	Imptions and as p Year	part of the 10-year Capital Improvemen Description	ts Plan Size	Unit	Length (ft)	struction Cost 022 Dollars)	Annual Interest	Period (yr)	Construction Cost (adjusted for Inflation @ 5% per annum)	Soft Costs	Contingency (10% + 1% per annum)	Financing Cost (5% over 20 Years)
W-6	2026	Blake Manor Road Water Line	12	inch	3,200	\$ 400,000.00	0.050	20	\$ 580,000.00 \$	87,000.00	\$ 120,100.00	\$ 476,078.81
W-10	2022	Hill Lane Water Line	12	inch	3,450	\$ 289,800.00	0.050	20	\$ 362,250.00 \$	54,300.00	\$ 58,300.00	\$ 287,213.85
W-13	2023	US 290 Crossing at Golf Course	12	inch	250	\$ 200,000.00	0.050	20	\$ 260,000.00 \$	39,000.00	\$ 44,900.00	\$ 208,008.51
W-14	2023	Gregg Manor Road Water Supply - Ground Storage Tank and Pumps	250,000	gallon		\$ 2,500,000.00	0.050	20	\$ 3,250,000.00 \$	487,500.00	\$ 560,600.00	\$ 2,599,713.28
W-15	2022	FM 973 Water Line	12	inch	4000	\$ 336,000.00	0.050	20	\$ 420,000.00 \$	63,000.00	\$ 67,600.00	\$ 333,031.37
W-16	2023	US 290 Water Line	12	inch	2900	\$ 500,000.00	0.050	20	\$ 650,000.00 \$			
W-17	2021	US 290 Water Line	16	inch	4400	\$ 677,626.12	0.050	20	\$ 813,151.34 \$	122,000.00	\$ 121,600.00	\$ 639,177.89
W-18	2021	Old Kimbro Road Water Line	12	inch	3000	\$ 474,000.00	0.050	20	\$ 568,800.00 \$			
W-20	2024	Bois D'Arc Lane Water Line	16	inch	2700	\$ 500,000.00	0.050	20	\$ 675,000.00 \$			
W-22	2024	Bois D'Arc Lane Water Line	12	inch	2500	\$ 400,000.00	0.050	20	\$ 540,000.00 \$			
W-24	2025	Gregg Manor Road Pump Improvements	1200	gpm		\$ 400,000.00	0.050	20	\$ 560,000.00 \$	84,000.00	\$ 109,500.00	
W-31	2022	FM 973 Water Line	16	inch	5200	\$ 582,400.00	0.050	20	\$ 728,000.00 \$	109,200.00	\$ 117,200.00	\$ 577,270.50
W-32	2023	FM 973 Water Line	16	inch	3200	\$ 358,400.00	0.050	20	\$ 465,920.00 \$	69,900.00	\$ 80,400.00	\$ 372,721.74
W-33	2024	Gregg Lane Water Supply - Ground Storage Tank and Pumps	250,000	gallon		\$ 2,500,000.00	0.050	20	\$ 3,375,000.00 \$	506,300.00	\$ 621,000.00	\$ 2,723,224.01
Water CIP-1	2021	Gregg Lane to Tower Road Waterline	12	inch	3400	\$ 1,595,346.40	0.050	20	\$ 1,914,415.68 \$	287,200.00	\$ 286,200.00	\$ 1,504,759.65
Water CIP-2	2017	AMR Water Meters				\$ 300,000.00	0.05	20	\$ 300,000.00 \$	45,000.00	\$ 31,100.00	\$ 227,484.74
Water CIP-3	2018	AMR Water Meters				\$ 400,000.00	0.05	20	\$ 420,000.00 \$	63,000.00	\$ 48,300.00	\$ 321,357.73 Total

Notes:

Water LUEs are defined as requiring 450 gallons of water per day per single family residence as determined in the the City of Manor Water Master Plan.



